

Sheet 1 of 3

Form PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Atty. Docket No. 703538.4039	Serial No. 10/799530
	Applicant: Rostoker et al.	
	Filing Date: March 11, 2004	Group: 2821

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
T.D.	AA	4,347,621	8/31/1982	Dow	376	139	
	AB	4,314,879	2/9/1982	Hartman et al.	376	128	
	AC	4,274,919	6/23/1981	Jensen et al.	176	3	
	AD	4,267,488	5/12/1981	Wells	315	111.7	
	AE	4,202,725	5/13/1980	Jarnagin	176	5	
	AF	4,434,130	2/28/1984	Salisbury	376	107	
	AG	4,650,631	3/17/1987	Knorr	376	127	
	AH	4,618,470	10/21/1986	Salisbury	376	123	
	AI	4,601,871	7/22/1986	Turner	376	144	
	AJ	4,560,528	12/24/1985	Ohkawa	376	121	
	AK	4,543,231	9/24/1985	Ohkawa	376	133	
	AL	4,853,173	8/1/1989	Stenbacka	376	123	
	AM	5,015,432	5/14/1991	Koloc	376	148	
	AN	5,160,695	11/3/1992	Bussard	376	107	
	AO	5,160,694	11/2/1992	Staudtner	376	107	
	AP	5,041,760	8/20/1991	Koloc	315	111.41	
	AQ	5,923,716	7/13/1999	Meacham	376	121	
	AR	4,904,441	2/1990	Sorensen et al.			
	AS	10/983,012	11/2004	Monkhorst et al.			
	AT	4,630,939	12/1986	M. Dale Mayes			
	AU	4,584,160	4/1986	Kageyama			
✓	AV	4,615,755	10/1986	Tracy et al.			
	AW	6,396,213	5/2002	Koloc			

EXAMINER: Trinh Vo Dinh	DATE CONSIDERED: 07/13/2005
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EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609;
 Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Sheet 2 of 3

Form PTO-1449				Atty. Docket No. 703538.4039		Serial No. 10/799530	
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FOREIGN PATENT DOCUMENTS							
Examiner Initial	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	Translation	
						Yes	No
T-D	AX	WO 97/10605	3/20/1997	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
T-D	AY	Tusczewski, M., "Field Reversed Configurations," Nuclear Fusion, Vol. 28, No. 11, pp. 2033-2092 (1988).					
	AZ	Tusczewski, M., "Status of the Field-Reversed Configuration as an Alternate Confinement Concept, Fusion Technology, Vol. 15, (Mar. 1989).					
	BA	Rider, Todd H., "Fundamental limitations on plasma fusion systems not in thermodynamic equilibrium," Phys. Plasmas 4 (4), pp. 1039-1046, April 1997.					
	BB	Avanzini et al., "Feasibility of Fusion Power Generation by Accelerated Ion Beams," ICENES, pp. 305-309, June 30-July 4, 1986.					
	BC	Dawson, John M., "Advanced Rules for CTR," Four Workshops in Alternate Concepts in Controlled Fusion, EPRI ER-429-SR Special Report, Part B: Extended Summaries, pp. 143-147, May 1977.					
	BD	Dawson, John M., "Alternate Concepts in Controlled Fusion," EPRI ER-429-SR Special Report, Part C: CTR Using the p- ¹¹ B Reaction, pp. III-30, May 1977.					
	BE	"Letters," ISSN 0036-8075, Science, Vol. 278, pp. 2024, 2032-2034, No. 5346, Dec. 19, 1997.					
	BF	Finn et al., "Field-Reversed Configurations with a Component of Energetic Particles," Nuclear Fusion, Vol. 22, pp. 1443-1458, No. 11, (1982).					
	BG	Tandem Energy Corporation Presentation, Dec. 12, 1997.					
	BH	Post, Richard F., "Nuclear Fusion," McGraw-Hill Encyclopedia of Science & Technology, 6 th Ed., pp. 142-153, 12 NIO-OZO.					
	BI	Rider, Todd H., "A general critique of inertial-electrostatic confinement fusion systems," Phys. Plasmas, Vol. 2, No. 6, Pt. 1, pp. 1853-1870, Jun. 1995.					
	BJ	Dobrott, D., "Alternate Fuels in Fusion Reactors," Nuclear Technology/Fusion, pp. 339-347, Vol. 4, Sept. 1983.					
	BK	Miley et al., "A Possible Route to Small, Flexible Fusion Units," Energy, Vol. 4, pp. 163-170, Special Issue: 1978 Midwest Energy Conference.					
	BL	Heldbrink et al., "The diffusion of fast ions in Ohmic TFTR discharges," Phys. Fluids B, Vol. 3, No. 11, pp. 3167-3170, Nov. 1991.					
	BM	Heldbrink et al., "comparison of Experimental and Theoretical Fast Ion Slowing-Down Times in DIII-D," Nuclear Fusion, vol. 28, No. 10, pp. 1897-1900, plus letters page, (1988).					
	BN	Becker et al., "Low-Energy Cross Sections for ¹¹ B(p,2α)*," Atomic Nuclei 327, pp. 341-355, (1987).					
	BO	Rosenbluth et al., "Fokker-Planck Equation for an Inverse-Square Force," The Physical Review, Vol. 107, No. 1, pp. 1-6, Jul. 1957.					
	BP	Feldbacher et al., "Basic Cross Section Data for Aneutronic Reactor," Nucl. Inst. and Methods in Phys. Res., A271, pp. 55-64, (1988).					
T-D	BQ	Naitou et al., "Kinetic Effects on the Connective Plasma Diffusion and the Heat Transport," J. of the Phys. Soc. of Jap., Vol. 46, No. 1, pp. 258-264, (1979).					
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		Filing Date: March 11, 2004	Group: 2821
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
T-D	BR	Zweben et al., "Radial Diffusion Coefficient for Counter-Passing MeV Ions in the TFTR Tokamak," Nuclear Fusion, Vol. 13, No. 12, pp. 2219-2245, (1991).	
	BS	Song et al., "Electron trapping and acceleration in a modified elongated betatron," Phys. Fluids B, Vol. 4, No. 11, pp. 3771-3780, Nov. 1992.	
	BT	Wong et al., "Stability of annular equilibrium of energetic large orbit ion beam," Phys. Fluids B., Vol. 3, No. 11, pp. 2973-2966, Nov. 1991.	
	BU	Davis et al., "Generation of Field-Reversing E Layers with Millisecond Lifetimes," Phys. Review Let., Vol. 37, No. 9, pp. 542-545, August 30, 1976.	
	BV	Phelps, et al., "Observations of the stable equilibrium and classical diffusion of field reversing relativistic electron coils," The Phys. of Fluids, Vol. 17, No. 12, pp. 2226-2235, Dec. 1974.	
	BW	Weaver et al., "Exotic CTR Fuels: Non-Thermal Effects and Laser Fusion Applications," Paper presented at 1973 Annual Meeting of the Amer. Phys. Soc. Div. of Plasma Physics, Philadelphia, PA, Oct. 30, 1973.	
	BX	Weaver et al., "Fusion Microexplosions, Exotic Fusion Fuels, Direct conversion: Advanced Technology Options for CTR," UCID-16309, Apr. 27, 1973.	
	BY	Weaver et al., "Exotic CTR Fuels for Direct Conversion-Utilizing Fusion Reactors," UCID-16230, March 16, 1973.	
	BZ	Heidbrink, W.W., "Measurements of classical deceleration of beam ions in the DIII-D tokamak," Phys. Fluids B, Vol. 2, No. 1, pp. 4-5, Jan. 1990.	
	CA	Cox, et al., Fusion Technology, Vol. 18, pp. 325 - 339	
	CB	Rostoker et al., "Colliding Beam Fusion Reactor," Science, Vol. 278, pp. 1419-1422, Nov. 1997.	
	CC	Rostoker et al., "Large Orbit Confinement for Aneutronic Systems," Non-Linear and Relativistic Effects in Plasmas, Ed. V. Stefan, Am. Inst. of Phys., New York, pp. 116-135, (1992).	
	CD	Rostoker et al., "Magnetic Fusion with High Energy Self-Colliding Ion Beams," Phys. Rev. Let., Vol. 27, No. 12, pp. 1818-1821 (1993).	
	CE	Newins, et al. "Feasibility of a Colliding Beam Fusion Reactor," online available: wysiwyg://66/http://intl.sciencemag.org/cgi/content/full/281/5375/307a	
	CF	Carlson (dated Aug, 1998) "Annotated Bibliography of p-B11 Fusion," online available: http://www.ipp.mpg.de/~Arthur.carlson/p-B11-bib.html	
	CG	Carlson, (dated 11/28/1997) "Re: Boron/Proton Colliding Beam Fusion Reactor?" online available: http://groups.google.com/groups?q=rostok...opuo.fsf%40s4awc.aug.ipp-garching.mpg.de	
	CH	Carlson (dated 97-01-04) "Fundamental Limitation on Plasma Fusion Systems no in Thermodynamic Equilibrium," Online available: http://www.ipp.mpg.de/~Arthur.Carlson/rider.html	
	CI	Carlson (dated 2000/09/14), "Re: Lithium Fission - Why Not?", online available: http://groups.google.com/groups?q=rostok...v35u.fsi%40suawc.aug.ipp-garching.mpg.de	
	CJ	Carlson (dated 2000/05/10), "Home Page of Dr. A. Carlson" online available: http://www/rzg.mpg.de/~awc/home.html	
	CK	W.W. Heidbrink, et al. "The Behaviour of Fast Ions in Tokamak Experiments," Nuclear Fusion, Vol. 34, No. 4 (1994)	
T-D	CL	L.C. Steinhauer, et al. "FRC 2001: A White Paper on FRC Development in the Next Five Years," Fusion Technology Vol. 30, September 1996	
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PTO/SB/08a (08-03)

Approved for use through 7/31/08. OMB 0851-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/799530
				Filing Date	March 11, 2004
				First Named Inventor	Rostoker
				Art Unit	2821
				Examiner Name	Trinh Vo Dinh
Sheet	1	of	1	Attorney Docket Number	703536.4039

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
T.D	AA	6,488,807 B1	12/3/2002	Collins et al.
	AB			
	AC			
	AD			
	AE			
	AF			
	AG			
	AH			

FOREIGN PATENT DOCUMENTS				
Examiner Initials	Cite No. ¹	Foreign Patent Document Country ² Number ³ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document T ⁴
	BA			
	BB			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA		
	CB		

Examiner Signature	Trinh Vo Dinh	Date Considered	07/13/2005
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